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N.	$\overline{\mathcal{N}}$	AA20	5,4	51,513	09/19/199	Maliga et al.			08/25/1993	
1	OID	AB20	6,0	40,138	03/21/200	0 Lockhart et al.			09/15/1995	
0	C7.	AC20	6,3	03,301	10/16/200	1 Mack			05/29/1998	
	13701.	AD20	6,3	09,822	10/30/200	1 Fodor et al.			12/23/1996	
Ž.	R.F.	E20	6,3	33,155	12/25/200	1 Lockhart et al.			12/18/1998	
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er.	ADELINE OF	AH20	200	03/0135888	07/17/200	3 Zhu et al.			09/26/2002	
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		AM20	W	O 92/10577	06/25/199	2 WIPO			Yes X No	
		AN20	w	O 94/20604	09/15/199	4 WIPO			Yes No	
		AO20	w	O 00/29000	05/25/200	0 WIPO			Yes No	
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Λ	√	AR	<u>200</u>	Recombinase Pr	rovokes Car ," J. Clin. In	ombination in Postmitotic Cel diac-restricted, Site-specific F evest. 100:169-179, The Amer 17)	Rearrange	ment in Adu	lt Ventricular	
		AS	200			P., "In vivo sequence requirem O, Macmillan Journals, Ltd. (e SV40 earl	y promoter	
	-	AŤ	<u>200</u>	Botstein, D., et a Gene to Protein New York, NY,	: Translatio	g Mutations <u>In Vitro</u> and Putti on into Biotechnology, Ahmad 4 (1982)	ng Them , F., et al.	Back Into Y , eds., Acade	east," in From	
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m	AL21	wo	00/52141	09/08/2000	WIPO			Yes No
	AM21	wo	O 01/25466	04/12/2001	WIPO			Yes No
	AN21	wo	0 01/42509	06/14/2001	WIPO			Yes No
	AO21	w	O 01/68836	09/20/2001	WIPO			Yes No
	AP21	w	0 02/46372	06/13/2002	WIPO			Yes No
			OTHER (Inc	uding Author	, Title, Date, Pertinent Pages,	etc.)		
M	AR	<u> 201</u>	Broach, J.R., "T	he Yeast Pla	smid 2μ Circle," <i>Cell 28</i> :203-	-204, MI	Т (1982)	· · · · · · · · · · · · · · · · · · ·
	AS	201	Cenatiempo, Y. systems," Bioch	, "Prokaryoti iimie 68:505-	c gene expression <i>in vitro</i> : tra 515, Elsevier (1986)	inscriptic	n-translation	n coupled
1	АТ	<u> 201</u>	Integration of th	ne Temperate	esolvase-Like Protein Is Requ Lactococcal Bacteriophage T Microbiology (September 199	TP901-1,	the Site-Spe	ecific ol. 178:5164-
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m	AL22	WO 02/06295	57	08/15/2002	WIPO			Yes No	
1	AM22	WO 02/08614	14	10/31/2002	WIPO			Yes No	
	AN22	WO 02/09505	5	11/28/2002	WIPO			Yes No	
	AO22	WO 03/04420	7	05/30/2003	WIPO			Yes No	
	AP22	WO 04/00976	58	01/29/2004	WIPO			Yes No	
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	AS		rrin, L.J. and Camerini-Otero, R.D., "Sequence-specific ligation of DNA using RecA otein," <i>Proc. Natl. Acad. Sci. USA 95</i> :2152-2157, National Academy of Sciences (March 98)						
	АТ				, "Engineering the Drosop Genetics 144:1693-1711,				
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M	AR	<u>203</u>		'Bacterial Re	gulation: Global Regulatory		i," Ann. Rev.	Genet.	
	AS	<u>203</u>			Cre recombinase complexed ture 389:40-46, Nature Publ				
1	AT	203	cut-and-paste m	echanisms to	"Transposition and site-spector a variety of genetic rearrance B.V. (September 1997)	gements,"	FEMS Micr		
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	AS	<u>204</u>	domain structur	e and clas	Γ., "The eukaryotic protein kina sification," <i>FASEB J. 9</i> :576-596 al Biology (May 1995)	se superfa	amily: kinas deration of A	e (catalytic) American		
F	АТ	204	Huang, L-C., et al., "Convenient and Reversible Site-Specific Targeting of Exogenous DNA into a Bacterial Chromosome by Use of the FLP Recombinase: the FLIRT System," J. Bacteriol. 179:6076-6083, American Society for Microbiology (October 1997)							
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M	AR	<u>205</u>	John, Jr., J.F. ar Negative Bacill 8:693-704, Univ	i: Experie	J.A., "Plasmids as Epidemiolonce at a University and Review Chicago (1986)	gic Marke of the Lit	rs in Nosoco erature," <i>Re</i>	omial Gram- v. Infect. Dis.	
	AS	205	its dosage effec	ts on the g	er, J.E., "Isolation of the yeast alactose/melibiose regulon," For Sciences (1982)				
+	AT	205	a kil-kor Systen	n Associat	S.N., "Plasmid Transfer in Str ed with the Transfer Region of for Microbiology (1987)	eptomyces fpIJ101," .	lividans: Ide I. Bacteriol.	entification of 169:4177-	
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M	AR	<u>206</u>	Lyznik, L.A., et Nucleic Acids R	al., "Actives. 21:969-	rity of yeast FLP recombinase 975, Oxford University Press	in mai (1993	ize a	nd rice prote	oplasts,"
	AS	<u>206</u>	Biology: A Com	prehensive	at DNA Procedures in the Student Treatise, Volume 3, Gene Ex, D.M., eds., Academic Press,	pressio	on: I	he Producti	ion of RNA's,
1	AT	206	Mayer, B.J. and <i>Biol. 3</i> :8-13, Els	Baltimore sevier Scien	, D., "Signalling through SH2 nce (1993)	and S	H3 d	omains," Tr	rends Cell
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M	AR	208	Vaccinia Topois	somerase : 1-3896, Tl	an, S., "Hisitidine 265 Is Impo and Is Conserved in All Eukar he American Society for Biocl	yotic Type	I Enzymes,"	J. Biol.			
	AS	208			, M., "Structural analysis of th 37-5189, IRL Press (1991)	e actinopha	ge ΦC31 att	achment site,"			
Y	АТ	208	Sadowski, I., et al., "A Noncatalytic Domain Conserved among Cytoplasmic Protein- Tyrosine Kinases Modifies the Kinase Function and Transforming Activity of Fujinami Sarcoma Virus P130 ^{gag-fps} ," Mol. Cell. Biol. 6:4396-4408, American Society for Microbiology (1986)								
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	AS	209		on site," Pr	FLP recombinase of the yeast oc. Natl. Acad. Sci. USA 82:72					
A	AT	209	Shaikh, A.C. and Sadowski, P.D., "The Cre Recombinase Cleaves the lox Site in trans," J. Biol. Chem. 272:5695-5702, The American Society for Biochemistry and Molecular Biology, Inc. (February 1997)							
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NOV	AR	210	Chromosome of	Streptomy	cific Integration of the ces parvulus upon Lyse obiology (1991)	Actinopha ogenization	ge R4 1," <i>J. B</i>	Genome interest in the second	o the 3:4237-4239,
	AS	<u>210</u>	Shuman, S., et a Escherichia col and Molecular I	i," J. Biol. (terization of Vaccinia Chem. 263:16401-1640	Virus DNA 07, The Am	Topo erican	isomerase I Society for	Expressed in Biochemistry
1	АТ	<u>210</u>	Minimal DNA	Substrate fo	Interaction of Vaccinia or Strand Cleavage <i>In V</i> hemistry and Molecula	'itro," J. Bi	ol. Ch	em. 266:113	Duplex DNA. 72-11379, The
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.No	AR	211	Duplex DNA. M	Inimal D	te-specific Interaction of Va NA Substrate for Strand Cle merican Society for Biochen	avage In Vitr	o," J. Biol. (Chem.			
	AS	211		Silver, P.A., et al., "Amino terminus of the yeast GAL4 gene product is sufficient for nuclear ocalization," Proc. Natl. Acad. Sci. USA 81:5951-5955, National Academy of Sciences 1984)							
4	АТ	211	Stark, W.M., et Elsevier Science		lysis by site-specific recomb	oinases," <i>Tren</i>	ds Genet. 8:	432-439,			
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- NV	AR	212	Ulmanen, I., et	al., "Transtretion Ve	scription and Translation of F ctor," <i>J. Bacteriol. 162</i> :176-1	Foreign Gene		
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+	AT	212	probe plasmid v	ectors for	truction and characterisation of Streptomyces using the amin Mol. Gen. Genet. 203:468-478	noglycoside į	ohosphotran	sferase gene
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	AS	213	Dialog File 351 French Patent N 9107201	, Derwent V Io. FR 2 67	World Patent Index, unverified 0 502 and PCT Patent No. WO	English 92/1057	Language At 7, WPI Acce	ostract for ession No.	
4	AT	213			New Class II Transposable Friol. 176:2835-2845, America				
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PIPE	AA1	4,6	526,505	12/02/1986	Falco			02/24/1984
107.10	ABI	4,6	573,640	06/16/1987	Backman			04/30/198
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1	AEI	4,7	743,546	05/10/1988	Backman et al.			04/29/198
	AFI	4,8	308,537	02/28/1989	Stroman et al.			10/30/198
	AGI	4,8	355,231	08/08/1989	Stroman et al.			09/25/198
	AHI	4,9	959,217	09/25/1990	Sanders et al.			05/22/198
	All	4,9	959,317	09/25/1990	Sauer			06/17/198
	AJI	4,9	965,188	10/23/1990	Mullis et al.			11/01/198
Ψ	AK1	5,0		03/03/1992		<u> </u>		05/26/198
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1	AM1	EF	0 220 009	04/29/198	7 Europe			
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M	AR	1	DNA Topoisom	erase Activi	riophage P1 Cre-loxP Site-sports of the Cre Recombination Biochemistry and Molecular E	Protein,"	J. Biol. Chei	Site-specif m. 261:391-
	AS	1	and Properties	of the Cre Re	., "Bacteriophage P1 Site-spe ecombinase Protein," <i>J. Biol.</i> d Molecular Biology (1984)	cific Rec	ombination. <i>9</i> : 1509-1514	Purification , American
V	AT	1	Abremski, K., e for Topological Press (1993)	et al., "Studio ly Unlinked	es on the Properties of P1 Site Products Following Recombi	Specific	Recombinate Cell 32:1301	tion: Evider
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	FILING DATE	ART UNIT
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			U	.S. PATEN	T DOCUMENTS			1
EXAMINER INITIAL		DOCUMENT N	IUMBER DA	TE	NAME	CLASS	SUB-CLASS	FILING DATE
M	AA2	5,102,797	04	/07/1992	Tucker et al.			01/19/1990
1	AB2	5,159,062	10	/27/1992	Knapp et al.			10/01/1990
	AC2	5,227,288	07	//13/1993	Blattner			01/09/1991
	AD2	5,286,632	02	2/15/1994	Jones			07/16/1992
	AE2	5,334,375	08	3/02/1994	Nabi et al.			10/15/1993
	AF2	5,334,575	08	3/02/1994	Noonan et al.			12/17/1992
	AG2	5,348,886	09	0/20/1994	Lee et al.			09/04/1992
	AH2	5,354,668	10	0/11/1994	Auerbach			09/29/1992
	AI2	5,378,618	01	/03/1995	Sternberg et al.			03/15/1994
J	AJ2	5,434,066	07	7/18/1995	Bebee et al.			12/21/1993
V	AK2	5,470,727	11	/28/1995	Mascarenhas et al.			01/29/1993
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M	AL2	EP 0 427 0	74 0:	5/15/1991	Europe			Ye:
	AM2	WO 91/099	057 03	7/11/1991	WIPO			Ye:
	AN2	WO 91/164	27 10	0/31/1991	WIPO			Ye.
	AO2	WO 92/156	594 09	9/17/1992	WIPO			Ye.
7	AP2	WO 92/207	91 1	1/26/1992	WIPO			Ye.
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	AS				Recombination in Esche Reaction," J. Mol. Biol.			
4	AT				ed somatic site-specific niversity Press (May 19		n in mice," /	Vucl. Acids
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	ATTY. DOCKET No.	APPLICATION NO.
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	5,654,182	08/05/1997	Wahl et al.			06/07/1995
AJ3	5,658,772	08/19/1997	Odell et al.			03/02/1994
AJ3	5,677,170	10/14/1997	Devine et al.			06/07/1995
AK3	5,677,177	10/14/1997	Wahl et al.			07/29/1996
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL3	WO 92/22650	12/23/1992	WIPO			Yes No
АМ3	EP 0 542 466	05/19/1993	Europe			Yes No
AN3	WO 93/15191	08/05/1993	WIPO			Yes No
AO3	WO 93/19172	09/30/1993	WIPO			Yes No
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EXAMINER INITIAL ,		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
m	AA4	5,710,248	01/20/1998	Grose			06/07/1995
	AB4	5,723,765	03/03/1998	Oliver et al.			03/02/1995
	AC4	5,728,551	03/17/1998	Devine et al.			02/01/1996
	AD4	5,733,733	03/31/1998	Auerbach			06/10/1996
	AE4	5,733,743	03/31/1998	Johnson et al.			03/08/1996
	AF4	5,744,336	04/28/1998	Hodges et al.			02/13/1985
	AG4	5,766,891	06/16/1998	Shuman		_	12/19/1994
	АН4	5,776,449	07/07/1998	Baum et al.			09/20/1996
	AI4	5,801,030	09/01/1998	McVey et al.			09/01/1995
	AJ4	5,814,300	09/29/1998	Scott et al.			03/03/1995
A	AK4	5,830,707	11/03/1998	Bushman			06/05/1995
		F	OREIGN PAT	TENT DOCUMENTS	<u> </u>		
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M	AL4	WO 94/03624	02/17/1994	WIPO			Yes No
L 1.	AM4	WO 94/09127	04/28/1994	WIPO			Yes No
	AN4	WO 94/17176	08/04/1994	WIPO			Yes No
	AO4	WO 94/18333	08/18/1994	WIPO			Yes No
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		OTHER (Inc	uding Author	Title, Date, Pertinent Pages,	etc.)		
M	AR		ith Mutated T	tion of the FLP Recombinase arget Sequences," <i>Mol. Cell.</i> 86)			
	AS	4 serial analysis o	f gene expres	tification of diverse nerve grasion (SAGE) profiling," <i>Proc</i> Sciences (September 2000)			
+	AT :		or stable expr	ble expression based on reguression in cultured cells," <i>Nuc</i> 1998)			
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		Page 5 of 121
	ATTY. DOCKET NO.	APPLICATION NO.
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XAMINER NITIAL /	_	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
\mathcal{M}	AA5	5,837,242	11/17/1998	Holliger et al.			05/14/1996
1	AB5	5,837,458	11/17/1998	Minshull et al.			05/20/1996
	AC5	5,843,772	12/01/1998	Devine et al.			11/18/1994
	AD5	5,851,808	12/22/1998	Elledge et al.			02/28/1997
	AE5	5,858,657	01/12/1999	Winter et al.			06/07/1995
	AF5	5,871,907	02/16/1999	Winter et al.			03/31/1994
	AG5	5,874,259	02/23/1999	Szybalski			11/21/1997
	AH5	5,888,732	03/30/1999	Hartley et al.			06/07/1996
	AI5	5,916,804	06/29/1999	Bushman			04/17/1998
	AJ5	5,919,676	07/06/1999	Graham et al.			06/07/1995
4	AK5	5,928,914	07/27/1999	Leboulch et al.			11/05/1996
		F	OREIGN PAT	TENT DOCUMENTS			
XAMINER NITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATIO
12	AL5	WO 96/04393	02/19/1996	WIPO			Y
1	AM5	WO 96/19497	06/27/1996	WIPO			Y
	AN5	WO 96/30498	10/03/1996	WIPO			Y
1	AO5	WO 96/40722	12/19/1996	WIPO			Y
4	AP5	WO 96/40724	12/19/1996	WIPO			Y
	•	OTHER (Incl	uding Author	Title, Date, Pertinent Pages	, etc.)		
W		Vector Expressi Expression," J. Araki, H., et al.,	ng the Cre Re Virol. 69:4600	"Site-Specific Recombinate combinate Protein: a Moleo-4606, American Society for Recombinase, R, Encoded	cular Swittor Microb How Yeast	ch for Contr iology (1995	ol of Gene
EXAMINER		Astumian, J.H.,	et al., "Site-sp s influenza ba	pecific recombination between territophage HP1 propagate I. 171:1747-1750, America	een cloned d in recon n Society	nbination de	ficient ·

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5001/1000 1/10	АТТУ. DOCKET NO. 0942.285000К/ВJD/JKM	APPLICATION No. 10/796,868	
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			U.S. PATEN	T DOCUMENTS			· · · · · · · · · · · · · · · · · · ·	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
MV	AA6	5,929,307	07/27/1999	Hodges et al.			12/20/1996	
1	AB6	5,962,255	10/05/1999	Griffiths et al.			12/05/1994	
	AC6	5,981,177	11/09/1999	Demirjian et al.			01/25/1995	
	AD6	5,989,872	11/22/1999	Luo et al.			08/12/1997	
	AE6	6,010,884	01/04/2000	Griffiths et al.			05/29/1996	
	AF6	6,040,430	03/21/2000	Stewart			12/26/1995	
	AG6	6,066,778	05/23/2000	Ginsburg, et al.			11/06/1996	
	AH6	6,063,627	06/16/2000	McVey et al.			02/25/1998	
	AI6	6,080,576	06/27/2000	Zambrowicz, et al.			04/08/1998	
	AJ6	6,143,557	11/07/2000	Hartley et al.			01/20/1999	
—— V	AK6 6,171,861		01/09/2001	Hartley et al.			01/12/1998	
			FOREIGN PAT	TENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
MN	AL6 WO 97/06265 AM6 WO 97/09436		02/20/1997	WIPO			Yes No	
			03/13/1997	WIPO			Yes No	
1	AN6	WO 97/25446	07/17/1997	WIPO			Yes No	
T.	AO6	WO 97/32481	09/12/1997	WIPO			Yes No	
	AP6	WO 98/10086	03/12/1998	WIPO			Yes No	
		OTHER (In	cluding Author	, Title, Date, Pertinent Pages,	etc.)			
M	AR			e method for integration of g a coli," Gene 107:11-17, Els			into the λ	
	AS	Ausubel, F.M., et al., "Maps of Plasmids pBR322 and pUC19," in Short Protocols in Molecular Biology, Third Edition, John Wiley & Sons, Inc., Boston, MA, pp. 1.12-1.13 (1995)						
+	АТ	6 Excision (VE)	() The trfA Ger	Deletions in Large Bacterial (ne of Promiscuous Plasmid F.," J. Mol. Biol. 230:174-185	RK2 is Es	sential for R	eplication in	
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			U.S. PATEN	T DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
W	AA7	6,225,121	05/01/2001	Savakis, C. et al.			04/27/1998	
	AB7	6,262,341	07/17/2001	Baszczynski et al.			11/17/1998	
	AC7	6,270,969	08/07/2001	Hartley et al.	-		01/20/1999	
	AD7	6,271,436	08/07/2001	Piedrahita et al.			10/10/1997	
	AE7	6,277,608	08/21/2001	Hartley et al.		-	04/22/1999	
	AF7	2002/0007051	01/17/2002	Cheo et al.			12/11/2000	
	AG7	6,361,972	03/26/2002	Harrington et al.			01/10/2000	
	AH7	6,365,377	04/02/2002	Patten et al.			03/03/2000	
	AI7	2002/0068290	06/06/2002	Yarovinsky			05/31/2001	
	AJ7	6,410,266	06/25/2002	Harrington et al.			01/07/2000	
	AK7	6,410,317	06/25/2002	Farmer	<u> </u>		07/14/2000	
		F	OREIGN PAT	TENT DOCUMENTS				
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M	AL7	WO 98/53056	11/26/1998	WIPO			Yes X No	
İ	AM7	WO 99/10488	03/04/1999	WIPO			Yes No	
	AN7 WO 99/21977		05/06/1999	WIPO			Yes No	
	AO7	WO 99/25851	05/27/1999	WIPO			Yes X No	
4	AP7	WO 99/55851	11/04/1999	WIPO			Yes No	
		OTHER (Incl	uding Author	, Title, Date, Pertinent Pages,	etc.)			
M	AR]			P Protein of the 2-micron Pla Society for Biochemistry and				
	AS :	Backman, K., et al., "Use of Synchronous Site-Specific Recombination In Vivo to Regulate Gene Expression," BioTechnology 2:1045-1049 (1984)						
Bai, C., et al., "SKP1 Connects Cell Cycle Regulators to the Ubiquitin Proteolysis Machi through a Novel Motif, the F-Box," Cell 86:263-274, Cell Press (July 1996)								
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		ice considered, whether or not is form with next communical		ormance with MPEP 609. Draw line the	rough citation	n'if not in confo	rmance and not	

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	FILING DATE	ART UNIT
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M	AA8	2002/0094574	07/18/2002	Hartley et al.			05/16/2001			
	AB8	2002/0106797	08/08/2002	Miles et al.			03/12/2001			
	AC8	6,436,707	08/20/2002	Zambrowicz et al.			03/25/1999			
	AD8	2002/0172997	11/21/2002	Hartley et al.			07/19/2001			
	AE8	2002/0182731	12/05/2002	Ji et al.			01/25/2002			
	AF8	2002/0192819	12/19/2002	Hartley et al.			07/19/2001			
	AG8	2003/0027289	02/06/2003	Farmer			04/05/2002			
	AH8	2003/0027337	02/06/2003	Droge et al.			02/25/2002			
	AI8	2003/0054552	03/20/2003	Hartley et al.			01/30/2002			
	AJ8	2003/0054555	03/20/2003	Farmer et al.			09/17/2002			
4	AK8	2003/0059900	03/27/2003	Farmer			01/17/2002			
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NV	AL8	WO 00/12687	03/09/2000	WIPO			Yes No			
	· AM8	EP 1 035 208	09/13/2000	Europe			Yes			
	AN8	WO 00/60091	10/12/2000	WIPO			Yes			
	AO8	WO 01/05961	01/25/2001	WIPO		,	Yes			
	AP8	WO 01/07572	02/01/2001	WIPO			Yes			
	<u> </u>	OTHER (In	cluding Author	, Title, Date, Pertinent Page	s, etc.)		1			
M	AR		d rearrangeme	ene cassette for adapting E_s and p_L expression vector						
	AS	8 Chromosome I	Ball, C.A., and Johnson, R.C., "Efficient Excision of Phage λ from the Escherichia coli Chromosome Requires the Fis Protein," J. Bacteriol. 173: 4027-4031, American Society for Microbiology (July 1991)							
*	Barnes, G., and Rine, J., "Regulated expression of endonuclease EcoRI in Saccharomyces cerevisiae: Nuclear entry and biological consequences," Proc. Natl. Acad. Sci. USA 82: 1354-1358, National Academy of Sciences (1985)									
EXAMINER		,	·		TDATE CO	NSIDERED				

		Page 9 of 121
	ATTY. DOCKET NO.	APPLICATION NO.
DODA DE 1440	0942.285000K/BJD/JKM	10/796,868
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M	AA9	200	03/0064515	04/03/2003	Hartley et al.			01/30/2002	
1	AB9	200	3/0068799	04/10/2003	Hartley et al.			06/06/2002	
	AC9	200	03/0077804	04/24/2003	Byrd et al.			04/19/2002	
	AD9	200	03/0100110	05/29/2003	Hartley et al.			11/02/1999	
	AE9	200	03/0124555	07/03/2003	Brasch et al.			05/21/2002	
	AF9	200	03/0153055	08/14/2003	Miles et al.			02/20/2003	
	AG9	200	03/0157662	08/21/2003	Gerard et al.			11/13/2002	
	AH9	200	03/0157716	08/21/2003	Hartley et al.			11/02/2001	
	AI9	200	03/0175970	09/18/2003	Hartley et al.			11/21/2002	
	AJ9	200	03/0176644	09/18/2003	Byrd et al.			02/07/2002	
4	AK9	200	03/0186233	10/02/2003	Chesnut et al.			12/07/2001	
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M	M~ AL9 W		O 01/11058	02/15/2001	WIPO			Yes No	
1	AM9	w	O 01/31039	05/03/2001	WIPO			Yes No	
	AN9	w	O 01/62892	08/30/2001	WIPO			Yes No	
	AO9	wo	O 02/00875	01/03/2002	WIPO			Yes No	
1	AP9	w	O 02/05294	01/17/2002	WIPO			Y.es No	
			OTHER (Incl	uding Author	, Title, Date, Pertinent Pages,	etc.)			
M	AR	9			Sequence Homology Required in Sequence Homology Required in Sequence Homology Required in Sequence 181:187-197, Acad				
	AS	Bayley, C.C., et al., "Exchange of gene activity in transgenic plants catalyzed by the Cre-lox site specific recombination system," Plant Mol. Biol. 18:353-361, Dordrecht Kluwer Academic (1992)							
V	Bernard, P., and Couturier, M., "Cell Killing by the F plasmid Ccdb Protein Involves Poisoning of DNA-topoisomerase II Complexes," J. Mol. Biol. 226:735-745, Academic Press, Inc. (1992)								
EXAMINER	1/1/1					DATE CO	NSIDERED	·	
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M	AA10	200	3/0220249	11/27/2003	Hackett et al.			02/07/2003		
Ì	ABI0	200	4/0040053	02/26/2004	Nomura et al.			11/22/2002		
	AC10	200	4/0053412	03/18/2004	Hartley et al.			03/26/2003		
	AD10	200	4/0063207	04/01/2004	Hartley et al.			10/08/2003		
	AE10	6,72	20,140	04/13/2004	Hartley et al.			02/04/2000		
	AF10	200	4/0171156	09/02/2004	Hartley et al.			04/02/2004		
	AG10	200	4/0171157	09/02/2004	Hartley et al.			04/08/2004		
	AH10	200	4/0219516	11/04/2004	Bennett et al.			07/18/2003		
	AI10	200	4/0219673	11/04/2004	Hartley et al.			03/10/2004		
	AJ10	200	4/0229229	11/18/2004	Cheo et al.			08/14/2003		
γ	AK10	200	04/0253631	12/16/2004	Hartley et al.			07/19/2004		
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M	AL10	wo	02/08391	01/31/2002	WIPO			Ye:		
. 1	AM10 WO 02/16594 AN10 WO 02/061034		0 02/16594	02/28/2002	WIPO			Ye:		
			08/08/2002	WIPO			Ye.			
	AO10	wo	0 03/025161	03/27/2003	WIPO			Ye No		
	AP10	wo	03/103600	12/18/2003	WIPO			Ye No		
			OTHER (Incl	uding Author	, Title, Date, Pertinent Pa	ages, etc.)				
M	AR	<u>10</u>	Bernard, P., "Po Eaton Publishin		on of Recombinant DNA 1996)	A by CcdB," <i>E</i>	BioTechnique	es 21:320-323		
	AS	<u>10</u>		Bernard, P. et al., "The F Plasmid CcdB Protein Induces Efficient ATP-dependent DNA Cleavage by Gyrase," J. Mol. Biol. 234:534-541, Academic Press, Inc. (1993)						
Bernard, P., et al., "Positive selection of vectors using the F plasmid ccdB killer gene," G 148: 71-74, Elsevier Science (1994)								r gene," Gene		
EXAMINER	MALA	j	<u></u>			DATE CO	NSIDERED			
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·		Page 11 of 121
	ATTY. DOCKET NO.	APPLICATION NO.
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1		ABII	200	05/0009091	01/13/2005	Hartley et al.			08/19/2004		
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\\ 	γ	AR .	п	Bethke, B., and Sauer, B., "Segmental genomic replacement by Cre-mediated recombination:							
		AS	<u>u</u>	Betz, U.A.K., et al., "Bypass of lethality with mosaic mice generated by Cre-loxP-mediated recombination," Curr. Biol. 6:1307-1316, Current Biology Ltd. (October 1996)							
1		AT .	<u>11</u>	Bhandari, P., and Gowrishankar, J., "An Escherichia coli host strain useful for efficient overproduction of cloned gene products with NaCl as the inducer," J. Bacteriol 179:4403-4406, American Society for Microbiology (July 1997)							
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M	/	AR	12			ging into phage T4 particles a 46:97-101, Elsevier Science		ic recircular	ization of	
		AS	12	Bloch, C.A., et al., "Purification of Escherichia coli Chromosomal Segments without Cloning," Biochem. Biophys. Res. Comm. 223:104-111, Academic Press, Inc. (1996)						
d		AT	12	Bochner, B.R., et al., "Positive Selection for Loss of Tetracycline Resistance," J. Bacteriol. 143:926-933, American Society for Microbiology (1980)						
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	AS	<u>14</u>	Broach, J. R., et Cell 29:227-234		mbination within thes (1982)	e Yeast Plasn	nid 2μ (Circle is Site	-Specific,"
	АТ	<u>14</u>			M.M., "The Histone			cherichia co	oli is a
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FORM PTO-1449	APPLICANTS	
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NN	AR	<u>15</u>			, "Lambda/Plasmic BioTechniques 16:1				
	AS	15		rectional C	., "A Series of Yeas loning of cDNAs an 1993)				
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			OTHER (Incl	 uding Aut	hor, Title, Date, Pertiner	nt Pages, etc.)	<u> </u>	No
M	AR	<u>16</u>	Buchholz, F., et	al., "A sir	nple assay to determine enomic manipulation co	the functionality		
	AS	<u>16</u>	Buchholz, F., et for applied site- Press (1996)	al., "Diffe specific re	erent thermostabilities ocombination," Nucl. Ac	of FLP and Cre re ids Res. 24:4256	combinases: -4262, Oxfor	implications d University
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MV	AR	<u>17</u>	Burioni, R., et a construction of	l., "An impr combinatori	roved phage display al libraries," Res. Vi	vector for a irol. 148:161	ntibody -164, E	repertoire c Elsevier (199	loning by 7)
	AS	<u>17</u>	Campbell, A. M 174:7495-7499,	., "Chromo American S	somal Insertion Site Society For Microbio	s for Phages ology (1992)	and Pla	asmids," <i>J. E</i>	Bacteriol.
	ΑŤ	<u>17</u>	Capone, J.P., et al., "Introduction of UAG, UAA, and UGA Nonsense Mutations at a Specific Site in the Escherichia coli Chloramphenicol Acetyltransferase Gene: Use in Measurement of Amber, Ochre, and Opal Suppression in Mammalian Cells," Mol. Cell. Biol. 6:3059-3067, American Society for Microbiology (1986)						
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	AS	<u>18</u>	Chapin, S.J., et a repertoire of stru American Chem	cturally diffe	tial expression of alternatively crent microtubule-binding dor (1995)	y spliced nains," <i>E</i>	forms of M. Biochem. 34:	AP4: a 2289-2301,
ł	AT	18	artificial chromo	somes by in ogenous and	J.S., "Isolating large nested de vivo P1 packaging of product a transposed loxP site," Nucl.	s of Cre-	catalyzed re	combination
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M	AR	12	Cherepanov, P.I cassettes with the Gene 158:9-14,	e option of	ckernagel, W., "Ger f Flp-catalyzed exci cience (1995)	ne disruption ision of the ar	in <i>Esche</i> ntibiotic	erichia coli: resistance d	Tc ^R and Km ^R eterminant,"
	AS	19	Chong, S., et al. cleavable affinit Science B.V. (19	y tag deriv	olumn purification ed from a protein s	of free recom plicing eleme	ibinant p nt," <i>Ger</i>	proteins using ne 192:271-2	g a self- 81, Elsevier
l t	AT	<u>19</u>	genome of mam	malian cel	ifer of single gene-c ls by a retroviral ve rican Society For M	ctor carrying ficrobiology (the cre ((1996)	gene and the	
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	AS	<u>20</u>		cerevisiae,"	onal Analysis of the <i>HIS4</i> Tran Mol. Cell. Biol. 8:2964-2975,			
	АТ	<u>20</u>	CLONTECH, "(CLONTECH (A	Creator™ Ge pril 2000)	ene Cloning & Expression Sys	stem," <i>Cl</i>	ONTECHni	ques 15:7-11,
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M	AR	21	CLONTECH, "CLONTECH (J		ons to the Creator TM	Platform," CLONI	ECHniques	16:3 pages,
	AS	21	CLONTECH, "pages, CLONTI		r™ -Compatible Exp er 2000)	ression Systems,"	CLONTEC	Hniques 15:2
	AT	21	CLONTECH, "pages, CLONTI		acceptor Vector Cons er 2001)	struction Kits" CLC	ONTECHniq	ues 16:2
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M	AR	22		Creator™ Si	MART™ Library Construction		LONTECHn	iques 16:2
	AS	22	Powerpoint Pres	entation, pp	The Universal Platform for And 1-9, CLONTECH, (July 24, coducts/families/creator/popup	2001), av	ailable at	on,"
1	АТ	22	CLONTECH, "C		DNR-Dual Cloning Kit," <i>CLO</i>	NTECH	iques 16:3 p	pages,
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	AS	<u>23</u>	Protocols in Mo	lecular Biolo	agenesis Using the Polyings, Supplement 37, Aus 3.5.1-8.5.10 (1997)			
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r	AT	<u>24</u>			l, D.J., "Single-ste 88:936-940, Natio				ansposition,"
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M	AR	<u>25</u>			Intra- and intermolecularing P1 recombinase," G			
	AS	<u>25</u>		nome," Proc	Gene transfer with subse . Natl. Acad. Sci. USA 8			
Y	АТ	<u>25</u>	Stability of Reco	ombination P	Mutations in the Cre/lox roducts: Applications for abstract no. Y108, Wile	or Gene Target	ing in Plants	
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M	AR	<u>26</u>			., "Use of a Yeast Site-Spec ophila," Dev. Genet. 13:367			
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V	АТ	<u>26</u>		on: Bacterial	., "An Antibody VH Doma Recombination within a Sir (1995)			
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M	AR	27	Davis, C.R., et a Dominant Letha 273:849-858, Th	d., "Analys l cdc42 ^{G12V} ne America	is of the Mechanism and Dominant Negan Society for Bioche	s of Action of Action of Active cdc42 ^D emistry and I	of the So	accharomyco tations," J. E ar Biology (es cerevisiae Biol. Chem. 1998)
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M	AŘ	28			, M., "Lightning strik 56-1357, National Ac				
	AS	28	Devine, S.E., and Boeke, J.D., "Efficient integration of artificial transposons into plasmid targets in vitro: a useful tool for DNA mapping, sequencing and genetic analysis," Nucl. Acids Res. 22:3765-3772, Oxford University Press (September 1994)						
7	AT	28			Cloning Vectors for Income," Plasmid 28:			nt Site attB of	
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M	AR	<u>29</u>	Dijkema, R., et a of the Rat." EMI	al., "Cloning BO J. 4:761-	and Expression of the Chrom 767, IRL Press Limited (1985)	osomal I)	mmune Inter	rferon Gene				
	AS	<u>29</u>	Dymecki, S.M., by site-specific r	Dymecki, S.M., "A modular set of <i>Flp, FRT</i> and <i>lacZ</i> fusion vectors for manipulating genes by site-specific recombination," <i>Gene 171</i> :197-201, Elsevier North-Holland (June 1996)								
- P	AT	29	genes by comple	Elledge, S.J., et al., "λYES: A multifunctional cDNA expression vector for the isolation of genes by complementation of yeast and Escherichia coli mutations," Proc. Natl. Acad. Sci. USA 88:1731-1735, National Academy of Sciences (1991)								
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M	AR	<u>30</u>	Enquist, L.W., a	and Weisberg Excision De	g, R.A., "The Red Plaque Test efective Variants of Bacteriop	: A Rapi	d Method for nbda," Virol	r ogy 72:147-		
	AS	<u>30</u>	Esposito, D., et al., "The integrase family of tyrosine recombinases: evolution of a conserved active site domain," Nucl. Acids Res. 25:3605-3614, Oxford University Press (1997)							
F	АТ	<u>30</u>	Feil, R., et al., "Regulation of Cre Recombinase Activity by Mutated Estrogen Receptor Ligand-Binding Domains," Biochem. Biophys. Res. Comm. 237:752-757, Academic Press (1997)							
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M	AR	31	Feinbaum, R., " Ausubel, F.M.,	Vectors De	erived from Plasmids, John Wiley & Sons, l	" in <i>Current Pro</i> Inc., Boston, MA	tocols in Mole	cular Biology, .5.17 (1998)		
	AŚ	31	Ferguson, J., et al., "Construction and characterization of three yeast-Escherichia coli shuttle vectors designed for rapid subcloning of yeast genes on small DNA fragments," Gene 16:191-197, Elsevier Science (1981)							
1	АТ	31	Fiering, S., et al., "An 'in-out' strategy using gene targeting and FLP recombinase for the functional dissection of complex DNA regulatory elements: Analysis of the β-globin locus control region," <i>Proc. Natl. Acad. Sci. USA 90</i> :8469-8473, National Academy of Sciences (1993)							
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	AS	32	F	Flanagan, P.M., and Fennwald, M.A., "Analysis of Inhibitors of the Site-specific Recombination Reaction Mediated by TN3 Resolvase," J. Mol. Biol. 206:295-304, Academic Press Limited (1989)							
F	AT	Flores, A., et al., "A protein-protein interaction map of yeast RNA polymerase III," Proc. Natl. Acad. Sci. USA 96:7815-7820, National Academy of Sciences (July 1999)									
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M	AR	<u>33</u>	Francia, M.V., et al., "Gene Integration in the Escherichia coli Chromosome Mediated by								
	AS	33	Francia, M.V., et al., "The Intl1 Integron Preferentially Binds Single-Stranded DNA of the attC Site," J. Bacteriol. 181:6844-6849, American Society for Microbiology (1999)								
T	АТ	Fukushige, S., and Sauer, B., "Genomic targeting with a positive-selection lox integration vector allows highly reproducible gene expression in mammalian cells," Proc. Natl. Acad. Sci. USA 89:7905-7909, National Academy of Sciences (1992)									
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	AS	34	Gateway™ Cloning Technology, Version 1, GIBCO BRL, Life Technologies Instruction Manual, pp. 1-60 (November 1999), available at: http://www.lifetech.com/gateway						
l l	АТ	34	Gay, P., et al., "Positive Selection Procedure for Entrapment of Insertion Sequence Elements in Gram-Negative Bacteria," J. Bacteriol. 164:918-921, American Society for Microbiology (1985)						
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	AS	<u>36</u>	when Introduce	d into a Va	e Rous Sarcoma Virus lariety of Eukaryotic Cel 777-6781, National Aca	lls by DNA-media	ated Transfe	rong Promoter ction," <i>Proc.</i>
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7	AT	37	Inter- and Intra	nolecular R	dowski, P.D., "The leactions," <i>J. Biol. C</i> hists, Inc. (1985)	FLP Protein Them. 260:12	of the 2 2328-12	2-micron Pla 335, The An	smid of Yeast. nerican
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	AS	Hancock, R.E.W., and Scott, M.G., "The role of antimicrobial peptides in animal defenses," Proc. Natl. Acad. Sci. USA 97:8856-8861, National Academy of Sciences (August 2000)							
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M	AR	Hashimoto-Gotoh, T., et al., "Improved vector, pHSG664, for direct streptomycin-resistance selection: cDNA cloning with G:C-tailing procedure and subcloning of double-digested DNA fragments," Gene 41:125-128, Elsevier Science (1986)								
	AS	41	Hehl, R., et al., "Structural analysis of Tam3, a transposable element from Antirrhinum majus, reveals homologies to the Ac element from maize," Plant Mol. Biol. 16:369-371, Kluwer Academic Press (1991)							
	AŤ	41	Henikoff, S., "Unidirectional digestion with exonuclease III creates targeted breakpoints for DNA sequencing," <i>Gene 28</i> :351-359, Elsevier Science Publishers (1984)							
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M	AR	42	Heyman, J.A., e	et al., "Ger opoisome	nome-Scale Cloning a	and Expression of	Individual (Open Reading 2, Cold Spring
	AS	42	Hochuli, E., et a a Novel Metal (al. "Geneti Chelate Ad	c Approach to Facilit sorbent." <i>BioTechno</i>	tate Purification of logy 6: 1321-132	of Recombina 5, Nature Pu	ant Proteins with b. Co. (1988)
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M	AR	Hoess, R.H., et al., "Mechanism of Strand Cleavage and Exchange in the Cre-lox Site-specific Recombination System," J. Mol. Biol. 181:351-362, Academic Press (1985)								
	AS	<u>43</u>	Hoess, R., et al., "Formation of small circular DNA molecules via an in vitro site-specific recombination system," Gene 40:325-329, Elsevier Science (1985)							
	AT	<u>43</u>	Hoess, R.H., et a sites," Proc. Na.	al., "P1 site-: tl. Acad. Sci.	specific recombination: Nuclous USA 79:3398-3402, National	eotide se Academ	quence of the	e recombining es (1982)		
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	AS	44		ogy, Vol. 4,	ki, K., "The Cre-lox I ed. by Eckstein, F.,				
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	AS	<u>45</u>	Hoogenboom, H.R., et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains," Nucl. Acids Res. 19:4133-4137, Oxford University Press (1991)						
1	AT	<u>45</u>	Iida, S., et al., "A site specific, conservative recombination system carried by bacteriophage P1, Mapping of the recombinase gene cin and the crossover sites cix for the inversion of the c segment," EMBO J. 1:1445-1453, Oxford University Press (1982)						
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	AS	<u>46</u>	Institut Pasteur Website, Introduction: http://www.pasteur.fr/recherche/unites/pmtg/integ/intro.html (accessed 6/19/2003)						
1	AT	<u>46</u>	Institut Pasteur Website, Figure 1: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig1.html (accessed 6/19/2003)						
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	AS	<u>48</u>	Jaffé, A., et al., "Effects of the ccd Function of the F Plasmid on Bacterial Growth," J. Bacteriol. 163:841-849, American Society For Microbiology (1985)					
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	AS	<u>51</u>	Kilby, N.J., et al., "Site-specific recombinases: tools for genome engineering," Trends Genet. 9:413-421, Elsevier Trends Journals (1993)						
ł	Kim, S., and Landy, A., "Lambda Int Protein Bridges Between Higher Order Complexes at Two Distant Chromosomal Loci attL and attR," Science 256:198-203, American Association for the Advancement of Science (1992)								
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	AS	53	Kolb, A.F., and Siddell, S.G., "Genomic Targeting with an MBP-Cre Fusion Protein," Gene 183:53-60, Elsevier Science (December 1996)						
	АТ	53	Kouprina, N., et Recombination Press (1998)	al., "Resci in Yeast," (ue of Targeted Regio Genome Res. 8:666-6	ns of Mammali 72, Cold Sprin	an C g Ha	Chromosome arbor Resear	es by in Vivo ch Laboratory
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	AS	<u>54</u>	Kozak, M., "An Nucl. Acids Res	analysis of . <i>15</i> :8125-8	f 5'-noncoding seque	ences from 699 sity Press (198	verte 7)	ebrate messe	enger RNAs,"
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	AS	<u>55</u>	Krautwald, S., a activity in its mo	nd Baccarin onomeric for	i, M., "Bacterially expressed r rm." <i>Biochem. Biophys. Res.</i> C	murine C Commun.	SF-1 possess 192: 720-72	ses agonistic 27, Elsevier
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	AS	<u>56</u>	Lafontaine, D., Conditionally E 3472, Oxford U	xpressed and	y, D., "One-step PCR M I Epitope Tagged Yeast I ss (1996)	ediated Strate Proteins," <i>Nuc</i>	gy for the Co l. Acids Res.	onstruction of 24:3469-
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	AS	<u>57</u>	Lander, E.S., "T Association for	The new ge the Advand	nomics: global views o cement of Science (Oc	of biology," <i>Scien</i> tober 1996)	ce 274:536-5	539, American
V	AT	<u>57</u>	Landy, A., "Me pathways of Int	chanistic a and FLP,"	nd structural complexi Curr. Opin. Genet. De	ty in the site-spec ev. 3:699-707, Cu	ific recombin	nation y (1993)
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AR 58 Landy, A., "Dynami Annu. Rev. Biochem	ic, Structur <i>a. 58</i> :913-94	ral, and Regulatory Aspects of 49, Annual Reviews (1989)	of λ Site-	Specific Red	combination,"		
AS 58 Langeveld, S.A., et Saccharomyces cere	Langeveld, S.A., et al., "Expression of an Escherichia coli phr gene in the yeast Saccharomyces cerevisiae," Mol. Gen. Genet. 199: 396-400, Springer-Verlag (1985)						
	Lebreton, B., et al., "Mutations That Improve the Binding of Yeast FLP Recombinase to Its Substrate," Genetics 118:393-400, Genetics Society of America (1988)						
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		Page 59 of 121
	ATTY. DOCKET No.	APPLICATION NO.
FORM PTO-1449	0942.285000K/BJD/JKM	10/796,868
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M	AR	<u>59</u>	Lee, E.C., et al., "Genetic Analysis of Escherichia coli Integration Host Factor Interactions							
	AS	<u>59</u>		Lee, G., and Saito, I., "Role of Nucleotide Sequences of loxP Spacer Region in Cre-mediated Recombination," Gene 216:55-65, Elsevier Science (1998)						
+	АТ	<u>59</u>	Lee, M.H., et al., "Site-specific integration of mycobacteriophage L5: Integration-proficient vectors for Mycobacterium smegmatis, Mycobacterium tuberculosis, and bacille Calmette-Guérin," Proc. Natl. Acad. Sci. USA 88:3111-3115, National Academy of Sciences (1991)							
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M	AR	OTHER (Including Author, Title, Date, Pertinent Pages, etc.) Lenski, R.E., et al., "Genetic Analysis of a Plasmid-Encoded, Host Genotype-Specific Enhancement of Bacterial Fitness," J. Bacteriol. 176:3140-3147, American Society For Microbiology (1994)								
	AS	<u>60</u>	a site-specific re	Leong, J.M., et al., "Generation of single base-pair deletions, insertions, and substitutions by a site-specific recombination system," <i>Proc. Natl. Acad. Sci. USA</i> 82:6990-6994, National Academy of Sciences (1985)						
7	AT	<u>60</u>		erichia col	D.H., "Site-specific li: Functional Replace					
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	ATTY. DOCKET No.	APPLICATION NO.
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M	AR	<u>61</u>	Leung, L.L.K., "Application of Combinatorial Libraries and Protein Engineering to the Discovery of Novel Anti-Thrombotic Drugs," <i>Thromb. Haemost.</i> 74:373-376, F.K. Schattauer Verlagsgesellschaft mbH (1995)							
	AS	<u>61</u>	Li, Z.W., et al., "Generation of mice with a 200-kb amyloid precursor protein gene deletion by Cre recombinase-medicated site-specific recombination in embryonic stem cells. Proc. Natl. Acad. Sci. USA 93:6158-6162, National Academy of Sciences (1996)							
4.	AT	<u>61</u>	Liu, Q., et al., "The univector plasmid-fusion system, a method for rapid construction of recombinant DNA without restriction enzymes," Curr. Biol. 8:1300-1309, Cell Press (1998)							
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W	AR	<u>62</u>	Lorbach, E., et a Integrase Mutan	tl., "Site-spec ts," <i>J. Mol. B</i>	ific Recombination in Humanicol. 296:1175-1181, Academ	n Cells C ic Press (atalyzed by March 2000	Phage λ)	
	AS	<u>62</u>	Lu, F., and Churchward, G., "Conjugative transposition: Tn916 integrase contains two independent DNA binding domains that recognize different DNA sequences," EMBO J. 13:1541-1548, Oxford University Press (April 1994)						
ł	AT	<u>62</u>	Site-Specific Tr	ansposon-Me	ent Generation of Infectious Fediated Insertion of Foreign Gli," J. Virol. 67:4566-4579, A	enes into American	a Baculovii Society For	rus Genome	
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	AS	<u>63</u>	From DNA to P	Madison, L.L., and Huisman, G.W., "Metabolic Engineering of Poly(3-Hydroxyalkanoates): from DNA to Plastic," <i>Microbiol. Mol. Biol. Reviews</i> 63:21-53, American Society for Microbiology (March 1999)						
F	AT	<u>63</u>	Domain Protein	1 by Deletio	tion of a Dominant-negative I n of a Potent C-terminal Tran e American Society for Bioch	sactivatio	on Domain,"	J. Biol.		
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	AS	<u>64</u>	Mahillon, J., et a Genetica 93:13-	Mahillon, J., et al., "IS231 and other Bacillus thuringiensis transposable elements: a review," Genetica 93:13-26, Kluwer Academic (November 1994)					
7	AT ,	64	manipulation an	Mahillon, J., et al., "Subdivision of the Escherichia coli K-12 genome for sequencing: manipulation and DNA sequence of transposable elements introducing unique restriction sites," Gene 223:47-54, Elsevier Science B.V. (1998)					
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	AS	<u>65</u>	Maniatis, T., et al., "Regulation of Inducible and Tissue-specific Gene Expression," Science 236:1237-1245, American Association for the Advancement of Science (1987)						
1	AT	65	Manning, P.A., et al., "Gene Capture in Vibrio cholerae," Trends in Microbiology 7:93-95, Elsevier Science (1999)						
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	AS	McCarthy, J.E leading to initi	McCarthy, J.E., and Brimacombe, R., "Prokaryotic translation: the interactive pathway leading to initiation," <i>Trends Genet.</i> 10:402-407, Elsevier Trends Journals (November 1994)							
	АТ	Medberry, S.L recombination	., et al., "Int ," Nucl. Acid	tra-chromosomal reads Res. 23:485-490,	arrangements genera Oxford University I	ted by Cre-lo Press (1995)	ox site-specific			
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	AŚ	<u>67</u>	in Tn21 and Rel	Mercier, J., et al., "Structural and Functional Characterization of tnpI, a Recombinase Locus in Tn21 and Related β-Lactamase Transposons," J. Bacteriol. 172:3745-3757, American Society for Microbiology (1990)						
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	AS	<u>68</u>	Chromatography	Meyer-Leon, L., et al., "Purification of the FLP Site-specific Recombinase by Affinity Chromatography and Re-examination of Basic Properties of the System," Nucl. Acids Res. 15:6469-6488, IRL Press Limited (1987)						
	АТ	<u>68</u>	coli. Mutants of	DNA gyrase	egregation of chromosomal E subunit A suppress letD (ccc mic Press (1992)	DNA by s IB) produ	ex factor F in	n Escherichia hibition," <i>J.</i>		
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Į į	АТ	69	Study of the Int	ermolecula	hi, M., "Integrative lar Reaction," <i>Cold Sp</i> ratory Press (1979)			
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MV	AR	Mizuuchi, M., and Mizuuchi, K., "The extent of DNA sequence required for a functional bacterial attachment site of phage lambda," <i>Nucl. Acids Res.</i> 13:1193-1208, Oxford University Press (1985)							
	AS	<u>70</u>	Mozo, T., and Hooykaas, P.J.J., "Design of a novel system for the construction of vectors for Agrobacterium-mediated plant transformation," Mol. Gen. Genet 236:1-7, Springer-Verlag (1992)						
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	AS	21	Bacteriophages	Nagaraja, R., and Weisberg, R.A., "Specificity Determinants in the Attachment Sites of Bacteriophages HK022 and λ," J. Bacteriol. 172:6540-6550, American Society for Microbiology (1990)					
F	AT	71	Nagy, A., "Cre 109, Wiley-Liss		ase: The Universal	Reagent for (Genome '	Tailoring," (Genesis 26:99-
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M	AR	72	Nash, H.A., "Int Natl. Acad. Sci.	tegrative R USA 72:10	ecombination of Bac 072-1076, National A	teriophage Lambd	a DNA <i>In Vit</i> es (1975)	ro," Proc.	
	AS	72	Nash, H.A., "Bending and supercoiling of DNA at the attachment site of bacteriophage lambda," Trends Biochem. Sci 15:222-227, Elsevier Trends Journals (1990)						
	AT	72	Nash, H.A., "Purification and Properties of the Bacteriophage Lambda Int Protein," Meth. Enzymol. 100:210-216, Academic Press (1983)						
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	ATTY. DOCKET NO.	APPLICATION NO.
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	AS	73	Evidence agains	Nash, H.A., et al., "Role of homology in site-specific recombination of bacteriophage λ: Evidence against joining of cohesive ends," Proc. Natl. Acad. Sci. USA 84:4049-4053, National Academy of Sciences (1987)						
	AT	73	factor required	Nash, H.A., and Robertson, C.A., "Purification and properties of the Escherichia coli proteir factor required for lambda integra tive recombination," J. Biol. Chem. 256:9246-9253, American Society for Biochemistry and Molecular Biology (1981)						
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M	AR	<u>74</u>	Nomura, M., et Ann. Rev. Bioch	al., "Regula em. 53:75-1	tion of the Synthesis 17, Annual Reviews,	of Ribosomes and Inc. (1984)	l Ribosomal	Components,"
	AS	<u>74</u>	the integrase arr	n-type bind	omparison of the effecting sites on the site-sparses 8:3953-3959, Oxford	ecific recombinat	tion of bacter	
	АТ	<u>74</u>	Numrych, T.E., et al., "Characterization of the bacteriophage lambda excisionase (Xis) protein: the C-terminus is required for Xis—integrase cooperativity but not for DNA binding," EMBO J. 11:3797-3806, Oxford University Press (1992)					
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	AS	75	Minimal Protein	Nunes-Düby, S.E., et al., "Half-att Site Substrates Reveal the Homology Independence and Minimal Protein Requirements for Productive Synapsis in λ Excisive Recombination," Cell 59:197-206, Cell Press (1989)						
	AT ,	75		Oberto, J., et al., "A segment of the phage HK022 chromosome is a mosaic of other lambdoid chromosomes," Nucl. Acids Res. 22:354-356, Oxford University Press (February 1994)						
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	AS	<u>76</u>	O'Gara, J.P., et al., "Identification and Molecular Genetic Analysis of Multiple Loci Contributing to High-Level Tellurite Resistance in Rhodobacter sphaeroides 2.4.1," Appl. Environ. Microbiol. 63:4713-4720, American Society for Microbiology (1997)						
+	ΑT	<u>76</u>	Ohara, O., and Temple, G., "Directional cDNA library construction assisted by the <i>in vitro</i> recombination reaction," <i>Nucl. Acids Research</i> 29:e22(1-8), Oxford University Press (2001)						
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	AS :	<u>77</u>	Oliner, J.D., et al., "In vivo cloning of PCR products in E. coli," Nucl. Acids Res. 21:5192-5197, Oxford University Press (1993)							
٧	AŤ į	Orban, P.C., et al., "Tissue- and site-specific DNA recombination in transgenic mice," Proc. Natl. Acad. Sci. USA 89:6861-6865, National Academy of Sciences (1992)								
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	AS	<u>78</u>	Osuna, R., et al., "Identification of two functional regions in Fis: the N-terminus is required to promote Hin-mediated DNA inversion by not I excision," EMBO J. 10:1593-1603, Oxford University Press (1991)						
<i>\</i>	AT	<u>78</u>	Padgett, K.A., and Sorge, J.A., "Creating seamless junctions independent of restriction sites in PCR cloning," <i>Gene 168</i> :31-35, Elsevier Science (February 1996)						
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		Page 79 of 121
	ATTY. DOCKET NO.	APPLICATION NO.
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*	AS	<u>79</u>	Palazzolo, M.J., et al., "Phage lambda cDNA cloning vectors for subtractive hybridization, fusion-protein synthesis and Cre-loxP automatic plasmid subcloning," Gene 88:25-36, Elsevier Science (1990)								
	AT	<u>79</u>	Recombinases a	Pan, G., et al., "Ligation of Synthetic Activated DNA Substrates by Site-specific Recombinases and Topoisomerase I," J. Biol. Chem. 268:3683-3689, American Society for Biochemistry and Molecular Biology (1993)							
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	AS	<u>80</u>	Parks, R.J., and Graham, F.L., "A Helper-Dependent System for Adenovirus Vector Production Helps Define a Lower Limit for Efficient DNA Packaging," J. Virol. 71:3293-3298, American Society For Microbiology (1997)						
1	AT	<u>80</u>	Patel, P.H., and Loeb, L.A., "DNA polymerase active site is highly mutable: Evolutionary consequences," <i>Proc. Natl. Acad. Sci. USA 97</i> :5095-5100, National Academy of Sciences (May 2000)						
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W	AR	<u>81</u>	enzymatically m	Peakman, T. C., et al., "Highly efficient generation of recombinant baculoviruses by enzymatically mediated site-specific in vitro recombination," Nucl. Acids Res. 20:495-500, Oxford University Press (1992)						
	AS	81	Peredelchuk, M multiple DNA is	Peredelchuk, M.Y., and Bennett, G.N., "A method for construction of <i>E. coli</i> strains with multiple DNA insertions in the chromosome," <i>Gene 187</i> :231-238, Elsevier Science (1997)						
7	AT	<u>81</u>	Perler, F.B., "In 27:346-347, Ox.	Perler, F.B., "InBase, the New England Biolabs Intein Database," Nucl. Acids Res. 27:346-347, Oxford University Press (January 1999)						
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M	AR	<u>82</u>	Persson, M.A.A. Academic Publis		orial Libraries," <i>Intern. Rev. I</i> (1993)	mmunol.	<i>10</i> :153-63,	Harwood	
	AS	<u>82</u>	Phillips-Jones, M.K., et al., "Context Effects on Misreading and Suppression at UAG Codons in Human Cells," Mol. Cell. Biol. 15:6593-6600, American Society for Microbiology (1995)						
4	AT	82	Pichel, J.G., et al., "Timing of SV40 oncogene activation by site-specific recombination determines subsequent tumor progression during murine lens development," Gene 8:3333-3342, Elsevier Science (1993)						
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	AS	<u>83</u>	Podhajska, A.J., et al., "Control of cloned gene expression by promoter inversion in vivo: construction of the heat-pulse-activated att-nutL-p-att-N module," Gene 40:163-168, Elsevier Science (1985)						
1	AT	83	Pósfai, G., et al., "In vivo excision and amplification of large segments of the Escherichia coli genome," Nucl. Acids Res. 22:2392-2398, Oxford University Press (June 1994)						
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	AS	<u>85</u>	Qin, M., et al., "Cre recombinase-mediated site-specific recombination between plant chromosomes," Proc. Natl. Acad. Sci. USA 91:1706-1710, National Academy of Sciences (1994)						
4	АТ	<u>85</u>	Qin, M., et al., 'Recombination,	'Site-specif " Nucl. Aci	ic Cleavage of Chr. ds Res. 23:1923-19	omosomes in 27, Oxford I	n vitro T Universit	hrough <i>Cre-</i> y Press (Jun	<i>lox</i> e 1995)
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A .	AS	<u>86</u>	Reed, R.R., "Transposon-Mediated Site-Specific Recombination: A Defined in Vitro System," Cell 25:713-719, Cell Press (1981)						
V	AT	<u>86</u>	Richet, E., et al., "Synapsis of Attachment Sites during Lambda Integrative Recombination Involves Capture of a Naked DNA by a Protein-DNA Complex," Cell 52:9-17, Cell Press (1988)						
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	AS	<u>87</u>	Ross, W., and Landy, A., "Patterns of λ Int Recognition in the Regions of Strand Exchange," Cell 33:261-272, Cell Press (1983)						
f	AT	<u>87</u>		Russell, M., "A recombination-based cloning system that decreases time to protein analysis," Am. Biotechnol. Lab. 18:8,10, International Scientific Communications, Inc. (June 2000)					
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	AS	<u>88</u>		Sadowski, P., "Site-Specific Recombinases: Changing Partners and Doing the Twist," J. Bacteriol. 165:341-347, American Society for Microbiology (1986)							
1	АТ	<u>88</u>			cular Cloning: A Labor 16.6-16.8 (1989)	ratory Manual,	, 2nd	l ed., Cold S	pring Harbor		
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M	AR	<u>89</u>	Sandhu IS "P	rotein Engine	pering of Antibodies," Crit. R		chnol. 12:43	7-462, CRC		
	AS	<u>89</u>	Protein Homolo	Sato, T., et al., "The cisA Cistron of Bacillus subtilis Sporulation Gene spoIVC Encodes a Protein Homologous to a Site-Specific Recombinase," J. Bacteriol. 172:1092-1098, American Society for Microbiology. (1990)						
ł	AT	<u>89</u>	Yeast Saccharon	Sauer, B., "Functional Expression of the cre-lox Site-Specific Recombination System in the Yeast Saccharomyces cerevisiae," Mol. Cell. Biol. 7:2087-2096, American Society for Microbiology (1987)						
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	AS	<u>90</u>	Cre recombinase	Fauer, B., and Henderson, N., "Site-specific DNA recombination in mammalian cells by the Cre recombinase of bacteriophage P1," <i>Proc. Natl. Acad. Sci. USA 85</i> : 5166-5170, National Academy of Sciences (1988)							
1	AT	90	Sauer, B., "Expression and Functioning in Yeast of a Bacterial Site Specific Recombination System," J. Cell. Bio. Chem. Supp. 10(b): 242 (1340), Alan R. Liss, Inc. (1986)								
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	AS	<u>91</u>	Sauer, B., "Manipulation of Transgenes by Site-Specific Recombination: Use of Cre Recombinase," <i>Meth. Enzymol.</i> 225:890-900, Academic Press (1993)							
	AT	91	Sauer, B., "Site-Biotechnol. 5:52	specific reco	ombination: developments and ent Biology (October 1994)	applicat	ions," Curr.	Opin.		
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J	Schindelhauer, D., and Cooke, H.J., "Efficient combination of large DNA in vitro: in gel s specific recombination (IGSSR) of PAC fragments containing α satellite DNA and the human HPRT gene locus," Nucl. Acids Res. 25:2241-2243, Oxford University Press (1997)								and the			
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FORM PTO-1449	ATTY. DOCKET NO. 0942.285000K/BJD/JKM	Application No. 10/796,868
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	AS	<u>98</u>	Sizemore, C., et tet operator muta	al., "Quantit ants," <i>Nucl. A</i>	ative analysis of Tn <i>10</i> Tet rep acids Res. 18:2875-2880, Oxf	oressor bi	inding to a coersity Press	omplete set of (1990)
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	AS	<u>99</u>	Snaith, M.R., et Cre and Flp site 1995)	al., "Multip -specific rec	le cloning sites carrying lox ombinases," Gene 166:173	P and FRT -174, Elsev	recognition ier Science (sites for the December 1,
1	AT	<u>99</u>	Spengler, S.J., e Integrative Reco 334, Cell Press	ombination:	tereostructure of Knots and Implications for Mechanisn	and DNA	Structure,"	Phage λ Cell 42:325-
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	AS	100	Stark, W. M., et al., "Site-specific Recombination by TN3 Resolvase: Topological Changes in the Forward and Reverse Reactions," Cell 58:779-790, Cell Press (1989)							
F	Stassi, D.L., et al., "Ethyl-substituted erythromycin derivatives produced by directed metabolic engineering," Proc. Natl. Acad. Sci. USA 95:7305-7309, National Academy of Sciences of the USA (1998)									
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	AS	101	Stenzel, T. T., e	Stenzel, T. T., et al., "The Integration Host Factor of Escherichia coli Binds to Bent DNA at the Origin of Replication of the Plasmid pSC01," Cell 49:709-717, Cell Press (1987)						
K	АТ	101	recovery of DN	Sternberg, N., "Bacteriophage P1 cloning system for the isolation, amplification, and recovery of DNA fragments as large as 100 kilobase pairs," <i>Proc. Natl. Acad. Sci. USA</i> 87:103-107, National Academy of Sciences (1990)						
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M	AR	102	Sternberg, N., e. 187:197-212, A		eriophage P1 <i>cre</i> Gen ess (1986)	e and its Regulato	ry Region,".	J. Mol. Biol.	
	AS	102	Sternberg, N., et al., "Site-specific Recombination and Its Role in the Life Cycle of Bacteriophage P1," Cold Spring Harbor Symp. Quant. Biol. 45:297-309, Cold Spring Harbor Laboratory Press (1981)						
	АТ	102	Storck, T., et al., "Rapid construction in yeast of complex targeting vectors for gene manipulation in the mouse," Nucl. Acids Res. 24:4594-4596, Oxford University Press (1996)						
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	AS	103	Stryer, L., Biochemistry, 2nd ed., W.H. Freeman and Co., San Francisco, CA, p. 610 (1981)						
1	АТ	103	Stuurman, J., et al., "Single-site manipulation of tomato chromosomes in vitro and in vivo using Cre-lox site-specific recombination," Plant Molecular Biology 32:901-913, Kluwer Academic Publishers (1996)						
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	AS	104	Thompson, J.F., et al., "Helical-repeat dependence of integrative recombination of bacteriophage λ: Role of the P1 and H1 protein binding sites," Proc. Natl. Acad. Sci. USA 85:6323-6327, National Academy of Sciences (1988)						
F	AT	104	Lambda Site-Sp	Thompson, J.F., et al., "Mutations in an Integration Host Factor-Binding Site: Effect on Lambda Site-Specific Recombination and Regulatory Implications," J. Bacteriol. 168:1343-1351, American Society For Microbiology (1986)					
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	AS	<u>105</u>	Tsurushita, N., et al., "Phage display vectors for in vivo recombination of immunoglobulin heavy and light chain genes to make large combinatorial libraries," Gene 172:59-63, Elsevier Science (1996)						
	AT ,	<u>105</u>	Uetsuki, T., et al., "Isolation and Characterization of the Human Chromosomal Gene for Polypeptide Chain Elongation Factor-1a," J. Biol. Chem. 264:5791-5798, The American Society for Biochemistry and Molecular Biology, Inc. (1989)						
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	AS	<u>106</u>	Vanin, E.F., et al., "Development of High-Titer Retroviral Producer Cell Lines by Using Cre-Mediated Recombination," J. Virol. 71:7820-7826, American Society For Microbiology (1997)					
/	АТ	106	Venkatesh, T.V., and Radding, C.M., "Ribosomal Protein S1 and NusA Protein Complexed to Recombination protein b of Phage I," <i>J. Bacteriol.</i> 175:1844-1846, American Society of Microbiology (1993)					
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	ATTY. DOCKET NO.	APPLICATION NO.
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	AS	107	Voss, S.D., et al., "The Role of Enhancers in the Regulation of Cell-type-specific Transcriptional Control," Trends Biochem. Sci. 11:287-289, Elsevier Science (1986)						
P	AT	107			eneral model for site I. Acids Res. 27:930				
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	AS	108	Wasserman, S.A., et al., "The helical repeat of double-stranded DNA varies as a function of catenation and supercoiling," <i>Nature 334</i> :448-450, Nature Pub. Co. (1988)					
F	AT	108	Waterhouse, P., et al., "Combinatorial infection and in vivo recombination: a strategy for making large phage antibody repertoires," Nucl. Acids Res. 21:2265-2266, Oxford University Press (1993)					
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t	AT	110	Wittmann, H.G. Annual Review		ents of Bacterial Ril 2)	bosomes," <i>Ani</i>	n. Rev.	Biochem. 5	<i>I</i> :155-183,
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	AS	114	U.S. Patent App (NOT PUBLISE	U.S. Patent Application No. 09/438,358, Gerard et al., filed November 12, 1999 (NOT PUBLISHED)					
	АТ	114	U.S. Patent App (NOT PUBLISE		o. 09/517,466, Hartle	y et al., filed	March	2, 2000	
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	ATTY. DOCKET NO.	APPLICATION NO.
FODA PTO 1440	0942.285000К/ВЈД/ЈКМ	10/796,868
FORM PTO-1449	APPLICANTS	
INFORMATION DISCLOSURE STATEMENT	Hartley et al.	
	FILING DATE	ART UNIT
	March 10, 2004	1636

			U.S. PATE	NT DOCUMENTS			
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M	AR		lication No.	09/695,065, Brasch et al.,		er 25, 2000	
	AS	U.S. Patent Application No. 09/984,239, Brasch et al., filed October 29, 2001 (NOT PUBLISHED)					
+	AT	U.S. Patent App (NOT PUBLISE	lication No. IED)	10/633,690, B yrd et al., f i	led August 5	, 2003	_
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		Page 116 of 121
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FORM PTO-1449	APPLICANTS	
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M	AR r		dication No	o. 10/877,952, Welch		3, 2004			
	AS	U.S. Patent App (NOT PUBLISI	U.S. Patent Application No. 10/913,501, Chesnut et al., filed August 9, 2004 (NOT PUBLISHED)						
4	AT	U.S. Patent App (NOT PUBLISI		o. 10/970,635, Hanso	n, filed October 22	<u>,</u> 2004			
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	ATTY. DOCKET NO.	APPLICATION NO.
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FORM PTO-1449	APPLICANTS	
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m	AR	117	U.S. Patent App (NOT PUBLISE	lication No IED)	1-1/ 000,371, Chesnut <i>et al</i>.	, filed Dece	mber 1, 2004	1		
	AS	117	Dialog File 351, Derwent World Patent Index, unverified English Language Abstract for PCT Patent No. WO 98/53056 (Document AL7), WPI Accession No. 12194396							
+	АТ	117	Dialog File 351, Derwent World Patent Index, unverified English Language Abstract for PCT Patent No. WO 99/25851 (Document AO7), WPI Accession No. 12541379							
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	ATTY. DOCKET NO.	APPLICATION NO.
	0942.285000К/ВЛД/ЛКМ	10/796,868
FORM PTO-1449	APPLICANTS	
INFORMATION DISCLOSURE STATEMENT	Hartley et al.	
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m	AR	118	Argos, P., et al., "The integrase family of site-specific recombinases: regional similarities and global diversity," <i>EMBO J. 5</i> :433-440, IRL Press Ltd. (1986)						
M	AS	118	available at: http://invitrogen	Invitrogen Online Catalog, "The Echo™ Cloning System: The Future of Cloning is Here," available at: http://invitrogen.com/content.efm?pageid=3371&efid=16767784&eftoken=62396683 (accessed July 7, 2004)					
M	AT,	118	Office Action fo	or U.S. Pater	nt Application No.	09/907,719, n	nailed (on July 13, 2	004
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	ATTY, DOCKET NO.	APPLICATION NO.
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FORM PTO-1449	APPLICANTS	
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-	AS	119 Office Action fo	or U.S. Pat	ent Application No. 10	0/058,291, mailed	on Septembe	т.22, 2004
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	ATTY. DOCKET NO.	APPLICATION NO.
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	AS	120 Office Action fo	o r U.S. Pater	nt Application No. 0	9 /695,065, mai le	d-on-October 2	27,-2004
-	AT	120 Office Action fo	or U.S. Pater	nt Application No. 1	0/820,133 mailed	on Novembe	r 17, 2004
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